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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

KARUNANANDAA et al.

Appln. No.: 09/614,221

Filed: July 11, 2000

For: Nucleic Acid Molecules and Other  
Molecules Associated with Sterol  
Synthesis and Metabolism



Art Unit: 1638

Examiner: Not yet assigned

Atty. Docket: 16516.075

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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

The attention of the Examiner is invited to the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION AND/OR FEE**

Because this Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, no certification or fee is required.

If any charges are deemed appropriate, applicants hereby authorize the U.S. Patent Office to charge any fee to our Deposit Account No. 50-1824 under our reference number 16516.075

Respectfully submitted,

June E. Cohan (Reg. No. 43,741)  
David R. Marsh (Reg. No. 41,408)

Date: Sept 17, 01

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 16516.075	APPLICATION NO. 09 614,221
			APPLICANTS Karunanandaa, et al.	
			FILING DATE July 11, 2000	GROUP 1638

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1						
	AB1						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AC1						Yes No
	AD1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AE	1	Annex to Form PCT/ISA/206 Communication Relating to the Results of the Partial International Search of PCT/US 00/18813
	AF	1	Casper, Steven J., et al., "Expression of the green fluorescent protein-encoding gene from a tobacco mosaic virus-based vector", <i>Gene</i> 173, pp. 69-73, (1996)
	AG	1	Crowley, James H., et al., "A Mutation in a Purported Regulatory Gene Affects Control of Sterol Uptake in <i>Saccharomyces cerevisiae</i> ", <i>Journal of Bacteriology</i> , Vol. 180, No. 16, pp. 4177-4183, (1998)
	AH	1	Fang, Min, et al., "Kes1p shares homology with human oxysterol binding protein and participates in a novel regulatory pathway for yeast Golgi-derived transport vesicle biogenesis", <i>The Embo Journal</i> , Vol. 15, No. 23, pp. 6447-6459, (1996)
	AI	1	Jiang, Bo, et al., "A New Family of Yeast Genes Implicated in Ergosterol Synthesis is Related to the Human Oxysterol Binding Protein", <i>Yeast</i> , Vol. 10, pp. 341-353, (1994)
	AK	1	Lyne, M., et al., " <i>S. pombe</i> KES1/HES1 homolog" Database accession no. 074178, (1998)
	AL	1	Nakamura, Y., "Structural analysis of <i>Arabidopsis thaliana</i> chromosome 5. XI." Database accession no. AB025604, (1999)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
	AB2						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AC2						Yes No
	AD2						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AE	<u>2</u>	Newman, T., et al., "Genes Galore: A Summary of Methods for Accessing Results from Large-Scale Partial Sequencing of Anonymous <i>Arabidopsis</i> cDNA Clones", <i>Plant Physiology</i> , Vol. 106, pp. 1241-1255, (1994)				
	AF	<u>2</u>	Shoemaker, R., et al., "Public Soybean EST Project", Database accession no. AW596698, (2000)				
	AG	<u>2</u>					
	AH	<u>2</u>					
	AI	<u>2</u>					
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